

Superseded

REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS
(Gun and Mortar Batteries)

COAST DEFENSES OF SAN FRANCISCO, CAL.
FORT. FUNSTON, CAL.
BATTERY, WALTER HOWE
No. of ~~guns~~ ^{Mortars} FOUR Caliber 12-INCH Carriage MORTAR

Form 1 Corrected to **MAR 1 1920**

Battery commenced -----	1917	Source of electric current -----	Commercial power, Aerial lines.
Battery completed -----	1918		
Date of transfer -----	Jan. 30, 1919.	Max. kv. required for lights	3.3 K.W.
Material of construction -----	Concrete.	Max. kw. required for motors	No motors.
Portland or Rosendale cement	Portland.		
Cost to date of transfer -----	\$8,355.93		
Connected to water supply -----	Yes.	Present condition of battery	Good.
Connected to sewer -----	Yes.	Rooms wet or dry -----	Dry.
T of latrine -----	Syphon.		
Type of data transmission -----	Telephone.	How ventilated -----	Windows.
Transmission elevation in floor battery of pits -----	25.0	Remarks -----	Plotting room, Guard room and temporary tool room, all wooden frame structures. No magazines yet provided. Magazines under construction.
Datum plane -----	M.L.L.W.		

ARMAMENT.

Emplacement or mortar No.	Mortars				Carriages						
	Cal.	length	model	Serial No.	Manufacturer	mounted	Type	model	Serial No.	Manufacturer	Motor
1 PIT A 1	12"	11'8"	1890M1	23	Builders I. Fdy.	Yes.	Steel	1896M1	96	Robt. Poole Sons	None
2 PIT A 2	12"	11'8"	1890M1	28c	Watervliet Ars.	Yes.	Steel	1896M1	95	" "	"Corequired
3 PIT B 1	12"	11'8"	1890M1	46	Watervliet Ars.	Yes.	Steel	1896M1	80	" "	"
4 PIT B 2	12"	11'8"	1890M1	22b	Bethlehem S. Co.	Yes.	Steel	1896M1	79	" "	"
5											
6											
7											
8											

HOISTS.

Emplacement Number	Type	Delivery	Motor					Date of transfer	Remodeled for long points.
			Serial No.	Maker	H.P.	Volts	RPM		
1									
2									
3									
4									

NO HOISTS REQUIRED.

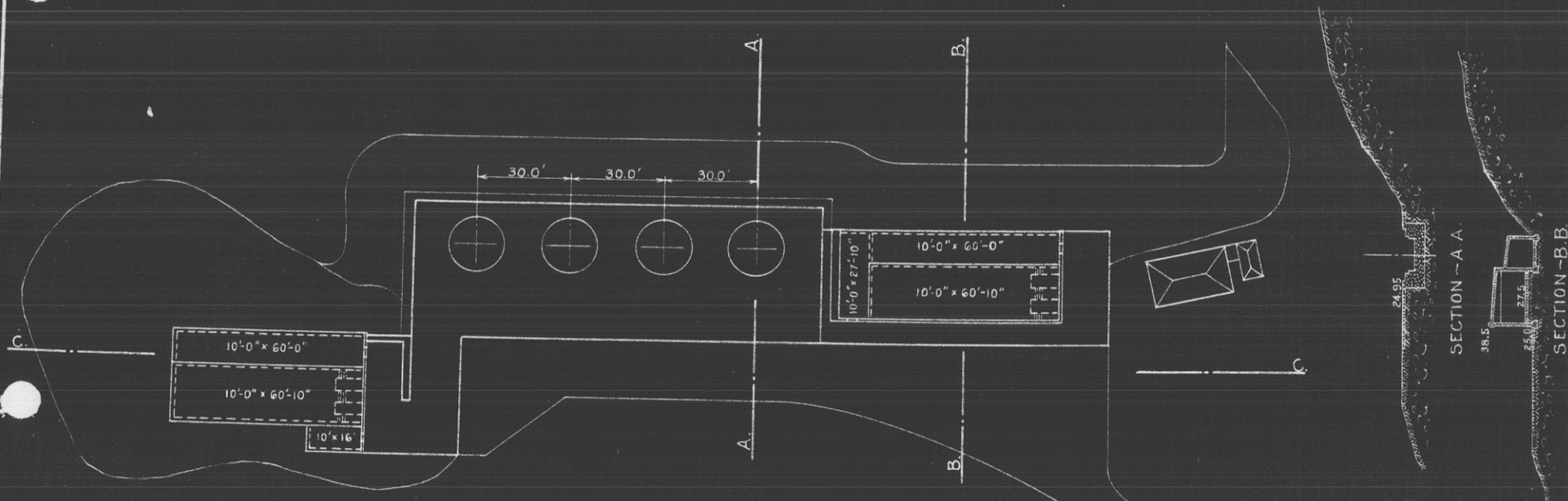
Superseded See Form 1, Oct. 1, 1927

REPORT OF COMPLETED WORKS ~ SEACOAST FORTIFICATIONS
(BATTERY PLAN)

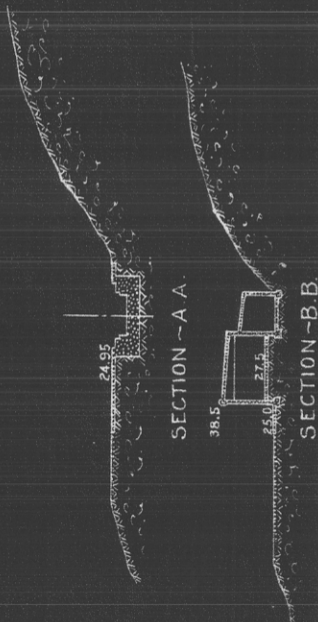
COAST DEFENSES OF SAN FRANCISCO, CAL.
FORT FUNSTON
BATTERY WALTER HOWE
NO. OF MORTARS 4: CALIBER 12^{IN.}: MORTAR CARRIAGES

CORRECTED TO DEC. 1919.

FORM ~7

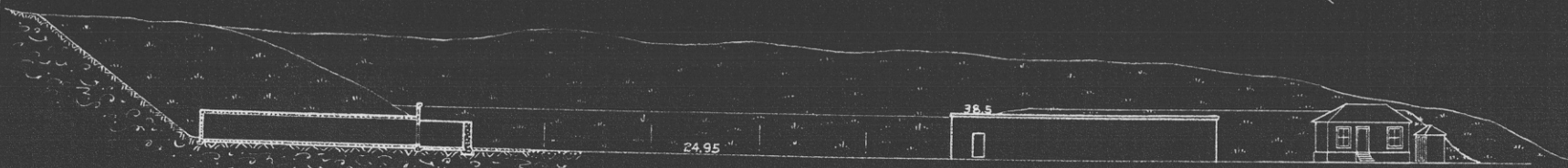


PLAN



SECTION - A-A

SECTION - B-B



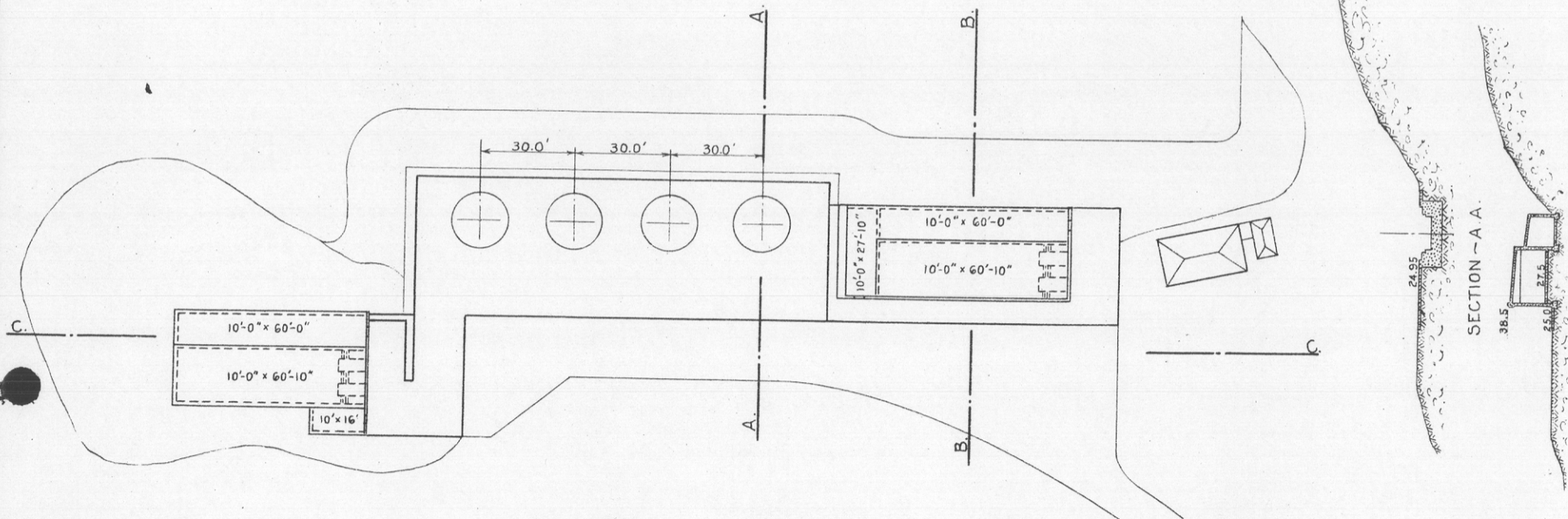
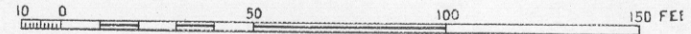
SECTIONAL ELEVATION
C-C.

REPORT OF COMPLETED WORKS ~ SEACOAST FORTIFICATIONS
(BATTERY PLAN)

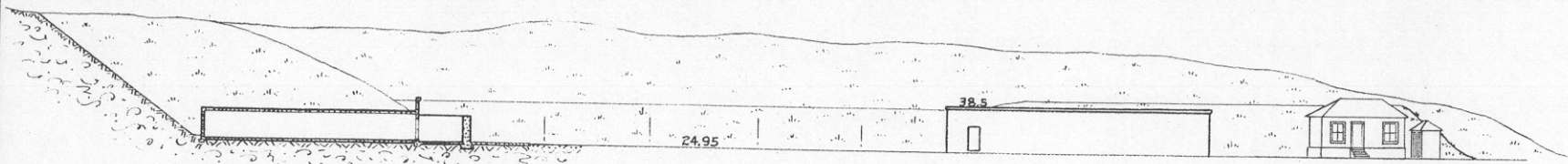
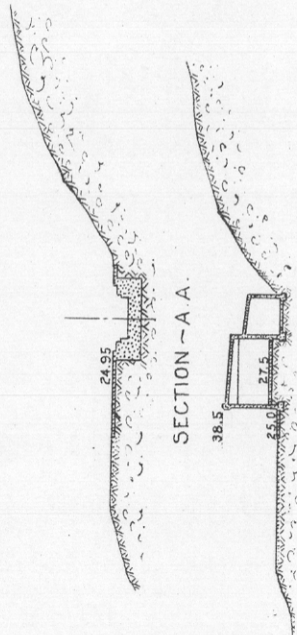
COAST DEFENSES OF SAN FRANCISCO, CAL.
FORT FUNSTON
BATTERY WALTER HOWE
NO. OF MORTARS 4: CALIBER 12^{IN.}: MORTAR CARRIAGE

CORRECTED TO DEC. 1919.

FORM ~7



PLAN



SECTIONAL ELEVATION
C.~C.

REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS
(Gun and Mortar Batteries)

COAST DEFENSES OF SAN FRANCISCO, CALIF.

FORT FUNSTON, CALIF.

BATTERY WALTER HOWE

No. of ~~Mortars~~ **FOUR** Caliber **12-INCH** Carriage **MORTAR**

Form 1 Corrected to OCT 1 - 1927

Battery commenced ----- 1917
 Battery completed ----- 1918
 Date of transfer ----- Jan. 30, 1919.
 Material of construction ----- Concrete.
 Portland or Rosendale cement ----- Portland.
 Cost to date of transfer ----- \$8,355.93
 Connected to water supply ----- Yes.
 Connected to sewer ----- Yes.
 Type of latrine ----- Syphon.
 Type of data transmission ----- Telephone.
 Elevation, in floor
~~Mortar~~ of pits ----- 25.0
 Datum plane ----- M.L.L.W.

Source of electric current ----- Commercial power, aerial lines.
 Max. kv. required for lights ----- 5 K.W.
 Max. kw. required for motors ----- No motors.
 Present condition of battery ----- Good.
 Rooms wet or dry ----- Dry.
 How ventilated ----- Windows and terra cotta vent. pipes.
 Remarks ----- Plotting room and guard room, wooden frame structures.

ARMAMENT.

Emplacement or mortar No.	Mortars					Carriages					
	Cal.	length	model	Serial No.	Manufacturer	mounted	Type	model	Serial No.	Manufacturer	Motor
1 PIT A 1	12"	11'8"	1890M1	23	Builders I. Fdy.	Yes	Steel	1896M1	96	Robt. Poole Sons	None
2 PIT A 2	12"	11'8"	1890M1	28c	Watervliet Ars.	Yes	Steel	1896M1	95	do.	required
3 PIT B 1	12"	11'8"	1890M1	46	do.	Yes	Steel	1896M1	80	do.	
4 PIT B 2	12"	11'8"	1890M1	22b	Bethlehem S. Co	Yes	Steel	1896M1	79	do.	
5											
6											
7											
8											

HOISTS.

Emplacement Number	Type	Delivery	Motor					Date of transfer	Remodeled for long points.
			Serial No.	Maker	H.P.	Volts	RPM		
1									
2									
3									
4									

NO HOISTS REQUIRED.

* Ordered salvaged 400.93 (San Fran) 120473

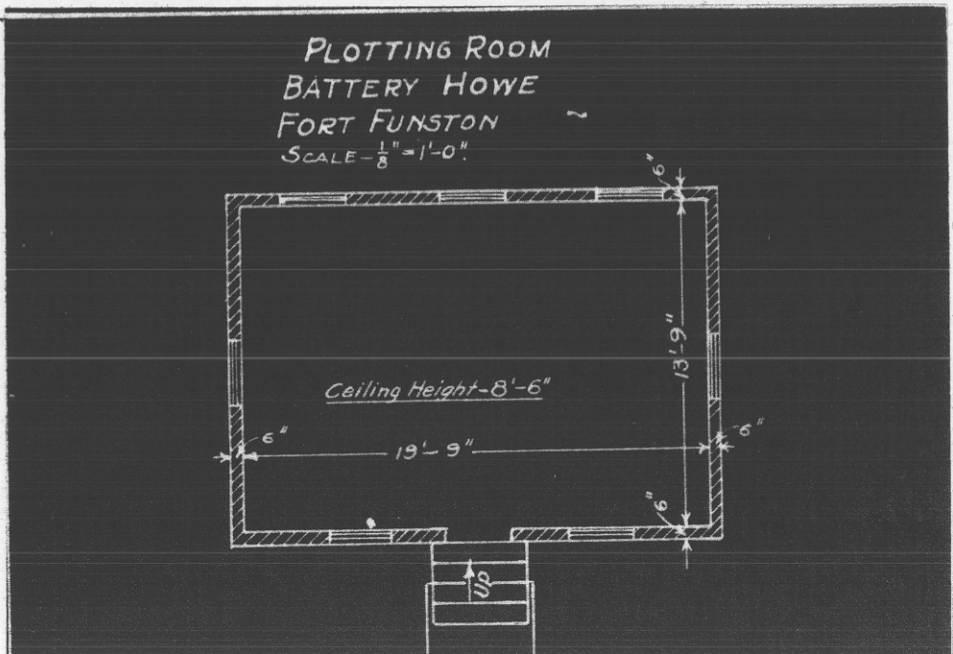
obsolete

REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

HARBOR
~~COAST~~ DEFENSES OF SAN FRANCISCO.
FORT.. FUNSTON.....
STRUCTURE.. P. Walter. Howe.....

Form 2. Corrected to DEC 10 1927

Location	: About 50 yds. to left and rear of left mortar, Battery Howe.	Type of data transmission	: Telephone.
Date of transfer	: Jan. 20, 1919.	Date of transfer	: With structure.
Cost to that date	: \$1,254.23	Cost of data transmission	: equipment
Type of construction	: (a) Roof: Wooden. (b) Remainder of bldg.: Wooden.	Supplied by Signal Corps.	: For tide stations give description of tide gauge
How concealed	: Building in rear of higher ground seaward..	For datum points give Forts from which visible	:
How protected	:	For dormitories give stations served	:
Heights above concealment	: -----	For cable hut give S.C-Type	:
Heights above protection	: -----	:	:
Conspicuous at _____ yards	: Not visible from sea.	:	:
Source of electric current	: Commercial supply at Post.	:	:
Kilowatts required	: .3 k.w.	:	:
Type of lighting fixtures	: W.T. fixtures and armored cable.	:	:
How heated	: Not heated.	:	:
Connected to water mains	: Yes.	:	:
Connected to sewer	: No.	:	:
Type of latrine	: None.	:	:
Permanent or temporary installation	: Temporary.	:	:
Present condition	: Good.	:	:
Reference of site	: 35. ft. (approx.) above M.L.L.W.	:	:
Reference of instrument axis	: -----	:	:
Type of observing inst.	: One 110° Board, Mod. 1906.	:	:
Type of plotting board	: One 110° Board, Mod. 1915.	:	:
Type and capacity of crane	:	:	:
Max. dimensions of reel handled	:	:	:



Obsolete

REPORT OF COMPLETED WORKS -- SEACOAST FORTIFICATIONS.
(Fire control or Torpedo Structures)

~~COAST~~ HARBOR DEFENSES OF SAN FRANCISCO.
FORT... **FUNSTON.**.....
STRUCTURE... **B^{III} HOWE.**.....

Form 2. Corrected to NOV 1 1927

Location	: About 200' north of south boundary and 50' west of east boundary, Ft. Funston.	Type of data transmission	: Telephone. *
Date of transfer	: Built by troop labor.	Date of transfer	:)
Cost to that date	: --	Cost of data transmission	:) Supplied by S. C.
Type of construction	:	equipment	:)
(a) Roof	: Wood and corrugated iron.	For tide stations give description of tide gauge	:
(b) Remainder of bldg.	: Wood and corrugated iron.	For datum points give Forts from which visible	:
How concealed	: Earthen parapet.	For dormitories give stations served	:
How protected	: Sand Bags and earthen parapet.	For cable hut give S.C. Type	:
Heights above concealment	: 2.5'	* Equipment temporary installed when station is needed for use during seasons of target practice. At all other times, all equipment removed.	
Heights above protection	: 2.5'		
Conspicuous at	: 500 yards from sea.		
Source of electric current	: None.		
Kilowatts required	: --		
Type of lighting fixtures	: None.		
How heated	: Not heated.		
Connected to water mains	: --		
Connected to sewer	: --		
Type of latrine	: --		
Permanent or temporary installation	: Temporary.		
Present condition	: Poor.		
Reference of site	: About 210.0 above M.L.L.W.		
Reference of instrument axis	: Not known.		
Type of observing inst.	: D.P.F. *		
Type of plotting board	:		
Type and capacity of crane	:		
Max. dimensions of reel handled	:		

